



Material Safety Data Sheet

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SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Scotchgard™ Shoe Guard (Cat. No. 1007)

MANUFACTURER: 3M

DIVISION: New Business Ventures

ADDRESS: 3M Center, St. Paul, MN 55144-1000

EMERGENCY PHONE: 1-800-364-3577 or (651) 737-6501 (24 hours)

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Product Use:

Intended Use: Shoe polish with water repellent

SECTION 2: INGREDIENTS

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>% by Wt</u>
WATER	7732-18-5	90 - 95
CARNAUBA WAX	8015-86-9	1 - 3
TRI(BUTOXYETHYL) PHOSPHATE	78-51-3	1 - 3
ACRYLATE POLYMER	Trade Secret	1 - 3
ACRYLATE POLYMER SALT	Trade Secret	1 - 3
FLUOROCHEMICAL ACRYLATE POLYMER	Trade Secret	< 1
3-iodo-2-propynyl butylcarbamate	55406-53-6	< 0.05
1,2-benzisothiazolin-3-one	2634-33-5	< 0.025

SECTION 3: HAZARDS IDENTIFICATION

3.1 EMERGENCY OVERVIEW

Odor, Color, Grade: White color liquid with mild odor.

General Physical Form: Liquid

Immediate health, physical, and environmental hazards:

3.2 POTENTIAL HEALTH EFFECTS

Eye Contact:

Mild Eye Irritation: Signs/symptoms may include redness, pain, and tearing.

Skin Contact:

Mild Skin Irritation: Signs/symptoms may include localized redness, swelling, and itching.

Inhalation:

If thermal decomposition occurs:

May be harmful if inhaled.

Ingestion:

Gastrointestinal Irritation: Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

SECTION 4: FIRST AID MEASURES

4.1 FIRST AID PROCEDURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed.

Eye Contact: Flush eyes with large amounts of water. If signs/symptoms persist, get medical attention.

Skin Contact: Wash affected area with soap and water. If signs/symptoms develop, get medical attention.

Inhalation: If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

If Swallowed: Do not induce vomiting unless instructed to do so by medical personnel. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Get medical attention.

SECTION 5: FIRE FIGHTING MEASURES

5.1 FLAMMABLE PROPERTIES

Autoignition temperature

No Data Available

Flash Point

No flash point

Flammable Limits(LEL)

Not Applicable

Flammable Limits(UEL)

Not Applicable

OSHA Flammability Classification:

Not Applicable

5.2 EXTINGUISHING MEDIA

Non-combustible. Choose material suitable for surrounding fire.

5.3 PROTECTION OF FIRE FIGHTERS

Special Fire Fighting Procedures: Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).

Unusual Fire and Explosion Hazards: No unusual effects are anticipated during fire extinguishing operations. Avoid breathing the products and substances that may result from the thermal decomposition of the product or the other substances in the fire zone. Keep containers cool with water spray when exposed to fire to avoid rupture.

Note: See STABILITY AND REACTIVITY (SECTION 10) for hazardous combustion and thermal decomposition information.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the area with fresh air. For large spill, or spills in confined spaces, provide mechanical ventilation to disperse or exhaust vapors, in accordance with good industrial hygiene practice. Warning! A motor could be an ignition source and could cause flammable gases or vapors in the spill area to burn or explode.

6.2. Environmental precautions

For larger spills, cover drains and build dikes to prevent entry into sewer systems or bodies of water. Collect the resulting residue containing solution. Place in a closed container approved for transportation by appropriate authorities. Dispose of collected material as soon as possible.

Clean-up methods

Observe precautions from other sections. Call 3M- HELPS line (1-800-364-3577) for more information on handling and managing the spill. Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Collect as much of the spilled material as possible. Clean up residue with detergent and water. Seal the container.

In the event of a release of this material, the user should determine if the release qualifies as reportable according to local, state, and federal regulations.

SECTION 7: HANDLING AND STORAGE

7.1 HANDLING

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water. Keep out of the reach of children. Do not breathe thermal decomposition products. Avoid prolonged or repeated skin contact. Avoid eye contact with vapors, mists, or spray.

7.2 STORAGE

Store away from heat.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 ENGINEERING CONTROLS

Use in a well-ventilated area.

8.2 PERSONAL PROTECTIVE EQUIPMENT (PPE)

8.2.1 Eye/Face Protection

Avoid eye contact.

The following eye protection(s) are recommended: Safety Glasses with side shields

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8.2.2 Skin Protection

Avoid prolonged or repeated skin contact. Select and use gloves and/or protective clothing to prevent skin contact based on the results of an exposure assessment. Consult with your glove and/or protective clothing manufacturer for selection of appropriate compatible materials.

8.2.3 Respiratory Protection

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

8.2.4 Prevention of Swallowing

Do not eat, drink or smoke when using this product. Wash exposed areas thoroughly with soap and water.

8.3 EXPOSURE GUIDELINES

<u>Ingredient</u>	<u>Authority</u>	<u>Type</u>	<u>Limit</u>	<u>Additional Information</u>
POLYPROPYLENE GLYCOLS	AIHA	TWA, as aerosol	10 mg/m3	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Odor, Color, Grade:	White color liquid with mild odor.
General Physical Form:	Liquid
Autoignition temperature	<i>No Data Available</i>
Flash Point	No flash point
Flammable Limits(LEL)	<i>Not Applicable</i>
Flammable Limits(UEL)	<i>Not Applicable</i>
Boiling Point	212 °F
Density	0.98 - 1.02 g/ml
Vapor Density	<i>No Data Available</i>
Vapor Pressure	<=18 mmHg [@ 68 °F]
Specific Gravity	0.98 - 1.02 [<i>Ref Std: WATER=1</i>]
pH	7.9 - 8.3
Melting point	<i>Not Applicable</i>
Solubility in Water	Complete
Evaporation rate	<i>No Data Available</i>
Volatile Organic Compounds	6.9 g/l
Kow - Oct/Water partition coef	<i>No Data Available</i>
Percent volatile	87 - 88
Viscosity	<i>No Data Available</i>

SECTION 10: STABILITY AND REACTIVITY

Stability: Stable.

Materials and Conditions to Avoid:

10.1 Conditions to avoid

None known

10.2 Materials to avoid

None known

Hazardous Polymerization: Hazardous polymerization will not occur.

Hazardous Decomposition or By-Products

<u>Substance</u>	<u>Condition</u>
Carbon monoxide	During Combustion
Carbon dioxide	During Combustion
Hydrogen Fluoride	During Combustion

Toxic Vapor, Gas, Particulate

During Combustion

SECTION 11: TOXICOLOGICAL INFORMATION

Please contact the address listed on the first page of the MSDS for Toxicological Information on this material and/or its components.

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

Not determined.

CHEMICAL FATE INFORMATION

Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Method: Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste.

EPA Hazardous Waste Number (RCRA): Not regulated

Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14: TRANSPORT INFORMATION

ID Number(s):

70-0051-2929-4

For Transport Information, please visit <http://3M.com/Transportinfo> or call 1-800-364-3577 or 651-737-6501.

SECTION 15: REGULATORY INFORMATION

US FEDERAL REGULATIONS

Contact 3M for more information.

311/312 Hazard Categories:

Fire Hazard - No Pressure Hazard - No Reactivity Hazard - No Immediate Hazard - Yes Delayed Hazard - Yes

Section 313 Toxic Chemicals subject to the reporting requirements of that section and 40 CFR part 372 (EPCRA):

<u>Ingredient</u>	<u>C.A.S. No</u>	<u>% by Wt</u>
TRI(BUTOXYETHYL) PHOSPHATE (GLYCOL ETHERS)	78-51-3	1 - 3

This material contains a chemical which requires export notification under TSCA Section 12[b]:

Ingredient (Category if applicable)

FLUORO-CHEMICAL ACRYLATE
POLYMER

C.A.S. No

Trade Secret

Regulation

Toxic Substances Control Act (TSCA) 5
SNUR or Consent Order Chemicals

Status

Applicable

STATE REGULATIONS

Contact 3M for more information.

CHEMICAL INVENTORIES

The components of this product are in compliance with the chemical notification requirements of TSCA.

Contact 3M for more information.

INTERNATIONAL REGULATIONS

Contact 3M for more information.

This MSDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

SECTION 16: OTHER INFORMATION

NFPA Hazard Classification

Health: 3 **Flammability:** 0 **Reactivity:** 0 **Special Hazards:** None

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel to address the hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies. Hazard ratings are primarily based on the inherent physical and toxic properties of the material but also include the toxic properties of combustion or decomposition products that are known to be generated in significant quantities.

HMIS Hazard Classification

Health: 1 **Flammability:** 0 **Reactivity:** 0 **Protection:** X - See PPE section.

Hazardous Material Identification System (HMIS®) hazard ratings are designed to inform employees of chemical hazards in the workplace. These ratings are based on the inherent properties of the material under expected conditions of normal use and are not intended for use in emergency situations. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint and Coatings Association (NPCA).

Revision Changes:

Section 1: Product name information was modified.

Section 1: Product use information information was modified.

Section 3: Potential effects from skin contact information information was modified.

Section 3: Potential effects from ingestion information information was modified.

Section 7: Handling information information was modified.

Section 8: Engineering controls information information was modified.

Section 8: Respiratory protection information information was modified.

Section 10: Hazardous decomposition or by-products table information was modified.

Section 4: First aid for skin contact - decontamination - information was modified.

Section 4: First aid for skin contact - medical assistance - information was modified.

Section 16: HMIS explanation information was modified.

Page Heading: Product name information was modified.

Section 9: Density information information was modified.

Section 9: Vapor density value information was modified.

Section 9: Vapor pressure value information was modified.

Section 9: Boiling point information information was modified.

Section 5: Flammable limits (UE) information information was modified.

Section 5: Flammable limits (LEL) information information was modified.

Section 5: Autoignition temperature information information was modified.
Section 5: Flash point information information was modified.
Section 9: Property description for optional properties information was modified.
Section 9: Specific gravity information information was modified.
Section 9: pH information information was modified.
Section 9: Melting point information information was modified.
Section 9: Solubility in water text information was modified.
Section 1: Initial issue message information was modified.
Section 9: Flash point information information was modified.
Section 9: Flammable limits (LEL) information information was modified.
Section 9: Flammable limits (UEL) information information was modified.
Section 9: Autoignition temperature information information was modified.
Section 2: Ingredient table information was modified.
Section 15: EPCRA 313 information information was modified.
Section 8: Exposure guidelines ingredient information information was modified.
Section 15: TSCA section 12[b] information information was modified.
Copyright information was modified.
Section 8: Hand protection information information was added.
Section 3: Other potential health effects heading information was deleted.
Section 3: Immediate skin hazard(s) information was deleted.
Section 8: Skin protection - recommended gloves information information was deleted.
Section 4: First aid for skin contact - termination of exposure - information was deleted.
Section 4: First aid for skin contact - handling - information was deleted.
Section 8: Skin protection - recommended gloves text information was deleted.
Section 8: Skin protection - protective clothing recommendations information was deleted.
Section 8: Skin protection - protective clothing information information was deleted.
Section 3: Immediate other hazard(s) information was deleted.
Section 15: California proposition 65 reproductive harm warning information was deleted.
Section 8: Skin protection - protective clothing text information was deleted.
Section 8: Skin protection - protective clothing - punctuation information was deleted.
Section 8: Skin protection - recommended gloves - punctuation information was deleted.
Section 3: Other health effects information (reproductive hazards) information was deleted.
Section 8: Exposure guideline note information was deleted.
Section 8: Exposure guidelines data source legend information was deleted.
Section 15: TSCA section 5 text - contains regulated chemical - information was deleted.
Section 15: California proposition 65 ingredient information information was deleted.
Section 15: California proposition 65 heading information was deleted.
Section 15: TSCA section 5 information information was deleted.

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